

COMPETITIONS.

The Committee for the establishment of Public Parks, Walks, &c., at Manchester, offer two prizes, one of 50 guineas and the other of 25 guineas, for the best and second best set of Plans (with estimates), for the laying out, &c., of the sites already purchased by them.

The Board of Guardians of the Bridlington Union offer a premium of 10l. for a Plan and Specification of a Workhouse, the expense of which is not to exceed 2,000l., and to accommodate 150 inmates.

TO CORRESPONDENTS.

"Wood Models."—The correspondent who inquired as to architectural models last week, is referred to Mr. Smith, of 49, Millbank-street, Westminster.

"An Old Subscriber."—We have no doubt our correspondent can build over the passage without making the walls thicker, but the information sent is not sufficient for us to reply with certainty.

"Subscriber" (Kensington).—The structure in question could not easily have been made uglier. Its utility is unquestionable.

"A Builder" (Clapham).—If the houses were commenced before January last and shops are part of the original design, notice need not be given to the district surveyor.

"S. C. Frigg" (Architect).—The Glasgow Improvement Act, better known as the Glasgow Consolidation Act, stands cap. 99, 6th and 7th of Victoria.

"Constant Reader."—An edition of Bushell's price-book has not appeared since 1816. A similar work by Elsom has been published since, price 8s. Apply to Wode, of Holborn.

"Cast Steel Bars instead of Bells."—Another correspondent desires to know where cast steel bars can be obtained, and how they are to be struck.

"J. I." (Kensington Common).—The district surveyor was authorized to interfere.

"The District Surveyors."—We cannot insert charges of improper behaviour or complaints, unless accompanied by the name of the writer, not necessarily for publication, but as a guarantee of their correctness.

"R. G." shall not be lost sight of.

"J. L." has our thanks.

"Veritas."—We are sorry we have not space for his letter.

"A Young Bricklayer."—Read Mr. Hosking's treatise on "Building," published by Longman.

"U. S." (Clerkenwell).—We shall be glad to see a specimen, and might then offer terms.

"Friend to the Builder," next week.

"An Architect" (Leamington).—The design shall be engraved.

Received:—"A Constant Subscriber" (re curves);—"W. F. S.";—"Quirk";

"Proceedings of Civil Engineers."

ADVERTISEMENTS.

TO CAPITALISTS.

REQUIRED, A GUARANTEE for 10,000l. in one or more sums; as part security to a Contractor for the Erection of a Splendid Building in London for a highly-patronised and well-understood purpose. The Guarantee will not be liable until the expiration of two years from the completion of the building, and it will be satisfactorily given, that the liability will be cancelled in one year. The Guarantee will have a security upon the building, and highly advantageous terms will be given.—Address W. W., 5, St. James's-square.

SNOXELL'S PATENT REVOLVING WOOD SHUTTERS.

WM. SNOXELL, 96, Regent-street, and 131, Chancery-lane. These Shutters combine Economy with perfect Security, having the edges sheathed with iron; the cost little more than common shutters, and of such simple construction, that the largest establishments can be opened or closed in a few moments with the greatest possible ease without the use of machinery. One great advantage over all other revolving shutters consists in their being made without metal hinges, consequently cannot rust or get out of order.—Highly satisfactory references of their utility can be given to establishments where they are now in use.

PATENT OFFICE, 5, CHANCERY-LANE, NEAR FLEET-STREET.

INVENTORS requiring protection by **LETTERS PATENT** should apply direct to the **PATENT OFFICE**, as above, where Patents can be speedily procured for the United Kingdom, &c., and by which a great saving of expense will be effected. **CAVEATS** are entered at this office, fee 1l. 1s. **DESIGNS** of all kinds are **REGISTERED**. Apply at the **PATENT OFFICE**, 5, Chancery-lane, near Fleet-street.

PRIZES IMPORTANT TO INVENTORS AND PATENTERS.

A GOLD MEDAL, value 100l. and a **SILVER MEDAL**, value 50l., will be given by **MR. M. JOCELIN COOKE**. The Gold medal for the best Patent, and the Silver medal for the best Design taken out or Registered at the **OFFICE FOR PATENTS AND DESIGNS**, 20, Half-Moon-street, between the 1st of November, 1844, and the 1st of June, 1846. The Prizes will be awarded by competent judges on the 10th June, 1846. The conditions to be observed, together with instructions, charges, and every information for obtaining Patents in England or Foreign Countries, or Registering Designs, will be forwarded gratis, on application to **MR. M. JOCELIN COOKE**, at the Office for Patents and Registration of Designs, 20, Half-Moon-street, Piccadilly, London.

NOTICE TO INVENTORS.

OFFICE FOR PATENTS OF INVENTIONS AND REGISTRATIONS OF DESIGNS, 14, Lincoln's-inn-fields.—The printed **INSTRUCTIONS** gratis, and every information upon the subject of **PROTECTION** for **INVENTIONS**, either by Letters Patent or the Design Act, may be had by applying personally, or by letter, prepaid, to **MR. ALFRED PRINCE**, at the office, 14, Lincoln's-inn-fields.

HOT WATER APPARATUS.—The attention of architects, builders, and others, is respectfully requested to **BENJAMIN FOWLER'S** superior method of heating churches and chapels, halls, stair-cases, conservatories, forcing and green-houses, manufactories, and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency. An improved wrought-iron boiler, which requires no brickwork, may be seen in action upon the premises. **BENJAMIN FOWLER**, 63, Dorset-street, Fleet-street.

POLONCEAU'S BITUMEN PAVEMENT for paving Foot-walks, Terraces, Garden walks, Stables, Coach Houses, Granaries, Corn Stores, and Salt Warehouses. For the exclusion of Damp and Vermin in Basements it is particularly adapted, and for Roofing Dwelling Houses, Porticos, Balconies, and Sheds.

Price 3s. 6d. per square yard.
BITUMEN for covering the Arches of Bridges, Culverts, &c. &c. on Railways and other places (with instructions for laying it down), may be had at the rate of 45s. per ton, by applying to **JOHN PILKINGTON**, 15, Wharf-road, City-road.

TO ARCHITECTS.

IN consequence of many complaints having been made to the Company, by Architects, of a spurious material having been used in the execution of Works where the **SEYSSSEL ASPHALTE** had been specified for the Directors, with a view to ensure the fulfilment of any such specification, have authorised **CERTIFICATES** to be granted to Builders where the

SEYSSSEL ASPHALTE

has been used. For the purpose of securing the use of the Genuine Article, Architects and others are recommended to insert in their specifications the "**Seysssel Asphalté**, Clardige's Patent," and not merely "**Asphalté**," or "**Bitumen**," as in many cases where these terms have been used, gas-tar and other worthless and offensive compositions have been introduced. **J. FARRELL**, Secretary, Stangate, near Westminster.

Books of Instructions for Use may be had at the Office of "The Builder," and of all Booksellers in Town and Country, price 1s.

In proof of the necessity of the above advertisement, it may be mentioned, that it has come to the knowledge of the Directors, that in certain works which have been executed by Messrs. CURTIS, builders, of Stratford, a spurious material has been used by them, contrary to the specifications, which expressly mentioned, that "**Clardige's Asphalté**" was to be used.

Also in the case of a work at Lewisham executed by Messrs. ROBERT and DANIEL YOUNG, of 10, Crown-row, Walworth-road, where **Seysssel Asphalté** was specified for, a spurious article was nevertheless laid down by them.

HOLBORN AND FINCHURCH SEWERS, MIDDLESEX. THE COMMISSIONERS OF SEWERS.

FOR THE LIMITS give NOTICE, that their Office, Hatton Garden, is open daily between the hours of Ten and Four, where information can be obtained (gratis) by persons about to Purchase or Rent Houses or Property, or take Land for building purposes, of the situation and level of the public Sewers, capable of affording sufficient drainage, and which they recommended all such Persons to apply for at the above Office.

By the Court,
STABLE and LEAH, Clerks.

COURT OF SEWERS FOR WESTMINSTER, AND PART OF MIDDLESEX, No. 1, Green-street, Soho-square.

TO BUILDERS and others interested in buildings or in ground for building upon, within the district under the jurisdiction of this Court, drained by water-courses falling into the River Thames, between the city of London and the parish of Fulham.

The Commissioners hereby give notice, that by an Act of the 4th Geo. III. (chap. 7, local) it is required that, previously to the making of any new sewer in any street, lane, or public way, or to carry or drain off water from any house, building, yard, or ground, into any sewer under their management, or within their jurisdiction, a notice in writing shall be given to them, or to their clerk at their office, and that such new sewer or sewers shall be constructed and made in such manner and form as shall be directed by the said Commissioners, and not otherwise.

And, in order to prevent the serious evils and inconveniences that must arise from ground proposed to be built upon being excavated at too great a depth, the Commissioners have directed that, upon application being made at this office previously to the excavation of such ground, information shall be given as to the lowest depth at which the same can be drained.

And the Commissioners do also give notice that, whenever the lower floors or pavements of buildings shall have been laid so low as not to admit of their being drained with a proper current, they will not allow any sewers, or drains into sewers, to be made for the service of such buildings.

It is recommended to all persons about to purchase or take houses, or other premises, to ascertain whether such premises have separate and distinct drains into common sewers.

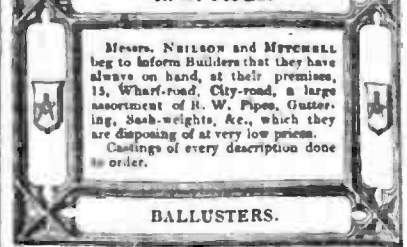
All petitions must be delivered at this office at least three clear days before they are presented to the Commissioners; and all such petitions will be called on in the order of their application, and the name of any party not present when called on to support the application will be struck out, and the proceedings must in consequence be commenced de novo.

All communications made with any sewer without leave of the Commissioners will be cut off, and the parties making the same will subject themselves to a fine.

The provisions of the Metropolitan Buildings Act (7 and a Victoria, c. 48) do not supersede the authority of the Commissioners of Sewers in the above respects, but their powers are expressly reserved, and their regulations made subservient to the purposes of that Act. The execution of such works, under the sanction of the district surveyor alone, cannot therefore warrant the making of any sewers or drains within this commission, but relieve the parties making them from the penalties above mentioned.

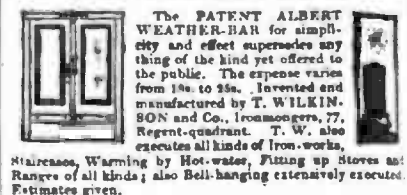
By order of the Court,
LEWIS C. HERTSLET, Clerk.

R. W. PIPES.



BALLUSTERS.

TO ARCHITECTS AND BUILDERS.



Staircases, Warming by Hot-water, Fixing up Stores and Ranges of all kinds; also Bell-hanging extensively executed. Estimates given.

CAUTION.—In the Case of **CHUBB & COOPER** and Another. The Court of Chancery, on April 22nd, 1842, decided that it is illegal for any person to persons to stamp, engrave, or in any manner put our Name or Trade Marks (either by themselves or in conjunction with any other Words or marks) on any description of Locks or Keys whatever, and that all persons Making or Selling Locks and Keys so marked subject themselves to legal proceedings; and upon the trial of the cause, **CHUBB & COOPER**, in the Sheriff's Court, Birmingham, on the 17th April, 1844, the jury found a Verdict for the Plaintiff, with 500l. Damages for the illegal use of the plaintiff's name and trade marks upon locks not of their manufacture. — **CHARLES CHUBB and SON**.

N.B. The Trade are respectfully informed that **C. CHUBB and SON** have on sale every description of their New Patent Detector Locks and Latches.—Lists of Prices may be had on application, 57, St. Paul's church-yard.

PORTER'S GALVANIZED CORRUGATED AND PLAIN IRON ROOFING, AND IRON HURDLES AND FENCE WORKS, GROUND, Southwark.

The Patent Galvanized Iron Co. (Sole) process is now being used for the roofing of the new Houses of Parliament, at Woolwich Dock-yard, by the Trinity Board, &c. It is particularly suited for the Colonies, and is shipped by J. Porter to the East and West Indies, Ceylon, &c. also supplied by him to several English, and to the Jamaica Railway Co.'s. Movable Feeding Sheds and Pens; farm-yard and fire-proof buildings of all kinds; a new description of Galvanized Iron Open Gutter, covered with tile for the circulation of hot water, much cheaper than any other kind. The Trade supplied with Corrugated Plates, Galvanized or not, and with Iron Fences of all kinds.

PATENT GALVANISED IRON. 100 PER CENT. STRONGER and from 300 to 500 PER CENT. CHEAPER than COPPER.

The Patent Galvanized Iron Company are ready to Galvanise any Iron sent to their Works, either at Millwall, London; Phoenix Iron Works, West Bromwich; Lea Brook, Tipton, Staffordshire; or Broad-street, Birmingham, and to supply Roofing, Ship Sheathing, Fastenings, Chains, Bolts, Nails, Screws, Pumps, and the endless variety of articles to which Iron, not subject to rust, may be applied. The Patent Galvanized Iron is well adapted for Roofing, especially for Tropical Climates, being cheaper and more durable than Zinc, Lead, Tin, or any other material, calculating weight, strength, durability, and durability; sheathing Ships, being not more subject to clog by barnacles, sea-weed, or oxidation than any other Sheathing; Bolts, Chains, and all Iron Work about Ships, Boats, and Steam Vessels, Minor's Implements, Agricultural and Ornamental Fencing, Rich Covers, &c. The validity of the patent was contested in February last before Lord Chief Justice Tindal, when among others the following eminent gentlemen gave evidence:—**Charles Barry**, Esq., F.R.S., architect, "that he is roofing the new Houses of Parliament with the Patent Galvanized Iron, and is perfectly satisfied with it;" **Oliver Lang**, Esq., master shipwright at Woolwich dock, on whose recommendation the Admiralty has ordered H.M. steamer *Sphinx*, about to be built by him, to be wholly bolted and fastened with Galvanized Iron; **Captain Paolter**, resident superintendent of the Trinity Board Establishment, "that it is employed by the Trinity Board for their buoys, &c., and found to be perfectly effective in protecting the Iron from injury at sea, the buoys retaining their colour, a point never before attained;" **Captain Denison**, Royal Engineer, superintendent of all buildings in Woolwich and Deptford dockyards, **T. H. Brande**, Esq., F.R.S., Professor of Chemistry, &c., **George Frederick Young**, Esq., of the firm of Curling, Young, and Co., all deposited in the strongest manner to the perfect efficacy of the Company's patent process for the preservation of iron from rust. Amongst other testimonials the following certificate has been received from Lloyd's surveyors.

(Copy.)

Lloyd's Register of British and Foreign Shipping, 2, White Lion Court, Cornhill, February 7, 1845.
This is to certify that the undersigned surveyors, in this society did, at the request of Messrs. Mainwaring and Mainwaring, examine the Patent Galvanized Iron Sheathing upon the bottom of the *Mary Stewart* lying at Messrs. Curling, Young, and Co.'s Dry Dock, Lambhouse, and lately returned from a voyage to the Island of Ichnos, on the coast of Africa, and found it unbroken and perfect throughout the ship's bottom, and no appearance of corrosion, or oxide of iron upon its surface. The iron that had been exposed by puncturing the paint holes had become coated with rust; the sheathing was nearly clean and free from marine growth and animalcules. It appears to have answered very well during the before-mentioned voyage, and the ship has sailed without its being found necessary to do any repairs to it.

PETER COURTENAY, Lloyd's Surveyors.

J. H. RICHIE.

JAMES MARTIN.

Agents:—Liverpool, John Hamilton, Jun., Esq.; Plymouth, Fox, Sons, and Co.; Falmouth, G. C. and B. W. Fox and Co.; Bristol, Morgan M'Arthur and Co.; Gloucester, Cook and Butts; Bremen, Widow J. Lang, Sen, and Co.; Hamburg, Hignow, Bruckman, and Co.; Venice, F. Zucchi, Esq.; Antwerp, W. Turner, Jun., Esq.